Full-time Career Opportunities

Launch Your Career with Emerson

FISHER®

EMERSON™
Process Management

CONTENTS

CONTENTS

CONTROLS ENGINEER 3
ELECTRO-MECHANICAL TECHNICIAN 4
ELECTRONICS DESIGN ENGINEER 5
FIRMWARE DESIGN ENGINEER 6
MECHANICAL DESIGN ENGINEER 7
PRODUCT ENGINEER - SPECIALS GROUP 8
PRODUCT ORDER ENGINEER I 9
PROGNOSTICS ENGINEER 10
QUALIFICATIONS ENGINEER - NUCLEAR 11
QUALITY ENGINEER - ASL COORDINATOR 12
SALES ENGINEER 13
SOFTWARE ENGINEER 14
TEST & EVALUATION ENGINEER 15

WHO WE ARE

Emerson (NYSE:EMR) is a diversified global manufacturing and technology company. We offer a wide range of products and services in the industrial, commercial, and consumer markets through five separate business groups covering the process industries and several others. The Fisher business unit, part of Emerson Process Management, supplies reliable control valves, instrumentation, and performance services to the global process control industry.

REQUIREMENTS FOR APPLYING

Emerson is an Equal Opportunity Employer and is committed to providing a workplace free of any discrimination or harassment. Applicants will be considered for job openings without any regard to race, sexual orientation, national origin, creed, age, disability, and military service/veteran status. Individuals with temporary visas who need sponsorship for work authorization now or in the future are not eligible for hire.

CORE MAJORS RECRUITED

Accounting, Aerospace Engineering, Agricultural Engineering, Chemical Engineering, Communications (Technical), Computer Engineering, Computer Science, Electrical Engineering, Engineering Management, Industrial/Manufacturing Engineering, Industrial Technology, MIS, Marketing (Product/Technical), Mechanical Engineering, Nuclear Engineering, Software Engineering, Supply Chain Management, and Welding Engineering

HOW TO APPLY

Scan the QR code below or visit emerson.com/careers. Enter Fisher as the company to see opportunities for the Fisher business unit of Emerson.

◄ **WEBSITE**
EMERSON.COM/CAREERS

CONTROLS ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Mechanical Engineering or related field, with high achievement (preference will be given to those with earned advanced degrees)*
- *It is expected that the candidate have academic exposure to and demonstrated proficiency in the fields of fluid mechanics, solid mechanics, classical physics, process control, and basic electronic circuits.*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Be able to work independently*
- *Prioritize near-term work and set long-term technical strategy*
- *Possess a keen interest in the relevant technical fields*
- *Possess effective communication and interpersonal skills*
- *Basic loop stability analysis techniques*
- *Loop stabilization techniques*
- *PID controllers and their Bode plots*
- *Be knowledgeable about pneumatic systems and Matlab and Simulink applications*
- *Transfer functions (Laplace functions) for basic mechanical and electronic elements*
- *Basic transistor operation and biasing techniques*
- *Basic digital components and their operation*
- *On/off control and basic phase plane techniques*
- *Above average programming skills in C, or other technical languages*
- *Working knowledge of Fisher product line or process control equipment considered a plus*

POSITION SUMMARY

- *This is a career track position with the Advanced Technologies organization that focuses on the development of final process control element components and systems. Emphasis is on the ideation, conceptualization and proof of viability R&D work of new and enhanced process control technology and/or product concepts in support of organizational business objectives. A secondary objective emphasis is on providing technical support and leadership to global engineering communities and customers.*

ESSENTIAL JOB FUNCTIONS

- *Providing engineering support to a team responsible for developing a new generation of process control hardware and firmware*
- *Engineering analysis, design, hands-on laboratory investigation, computer programming and written and verbal communication of results*
- *Support the concept and design of new valve positioners, controllers, boosters, and transmitter devices*
- *Troubleshoot installed control systems in the plant environment*
- *Cultivate an understanding of relevant markets and interact directly customers to support identification and definition of Fisher and Emerson Process Management needs*
- *Cultivate an understanding global customer issues to identify industry trends*
- *Initiate and manage R&D projects in support of concept and technology fulfillment*
- *Operate and modify custom product tests in a laboratory environment including mechanical components, instrumentation and data acquisition*
- *Provide technical support within scope of competency to global engineering communities (Design, R&D, SD&S, T&E) and customers*
- *Develop professionally as a recognized industry technology leader*
- *Participate in relevant codes and standards activities*
- *Assist in in-house and customer education forums*
- *Prepare and deliver publications as appropriate*

ELECTRO-MECHANICAL TECHNICIAN

EDUCATION REQUIREMENTS

- *Minimum of a two-year technology degree (*preference will be given to those with a four-year engineering technology degree)*
- *It is expected that the candidate have academic exposure to and demonstrated proficiency in basic math (through college algebra), hands-on laboratory classwork related to measurement and instrumentation, and above average computer skills including programming and networking. Experience with sensors, general metrology and pneumatics considered a plus.*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Possess strong mechanical aptitude*
- *Possess basic electronic and circuit board construction skills*
- *Possess a working knowledge of basic PC based office software (word processor, spreadsheet, etc.)*
- *Have basic CAD skills*
- *Have demonstrated ability to quickly learn and apply new technology*
- *Be highly organized and able to set and accomplish goals*
- *Be reliable and of responsible character; respectful and willing to take direction, but perform tasks independently without constant supervision*
- *Be safety-conscious and abide by prevailing safety rules and training*
- *Be able to work independently and in a team environment*
- *Be able prioritize near-term work*
- *Possess effective communication and interpersonal skills*
- *Working knowledge of Fisher product line or process control equipment considered a plus*

POSITION SUMMARY

- *This is a technical position within the Advanced Technologies organization that is responsible for providing technical and laboratory support to full-time engineering staff within the Global Technology organization. Initial assignment will be to a team responsible for developing a new generation of process control hardware. This support will include, but is not limited to, assisting in designing, creating and procuring prototype parts of both a mechanical and electronic nature; performing testing and data collection, data analysis and report preparation.*

ESSENTIAL JOB FUNCTIONS

**Progression up the technical ladder will be commensurate with mastery and execution of these responsibilities.*

- *Support of electro-mechanical design, development and evaluation of products and product components*
- *Design, procure and assemble prototype parts and assemblies for test*
- *Organize and perform routine and non-routine tests of mechanical, electronic or pneumatic prototypes*
- *Evaluate experimental data, including analysis, conclusions, and recommendations*
- *Record data and documentation in electronic format in network shared drives that are indexed and retrievable*
- *Make recommendations to improve existing test procedures or define new ones*
- *Develop special test and measurement techniques and troubleshoot technical problems with minimal supervision*
- *Basic electronic and circuit board construction*
- *Calibrate, operate, and troubleshoot complex instruments as appropriate*
- *Ability to operate various machine tools to make minor modifications to prototype parts and fabricate test fixturing*

ELECTRONICS DESIGN ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Electrical or Electronics Engineering*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Programming skills*
- *Strong analog & digital circuit design capability*
- *Good working knowledge of electronic test equipment including scopes, meters, signal generators, etc.*
- *Ability to understand mechanical, pneumatic and electronic systems*
- *Strong analytical problem solving and decision-making skills*
- *Good spoken and written English language communication skills*
- *Effective technical communication and documentation*
- *Good working knowledge of PC applications including Microsoft Word and Excel*
- *Strong planning and organizing skills*
- *Product design experience with analog/digital circuits is preferred*
- *Experience with mechanical/pneumatic/electronic systems and system design is preferred*
- *Knowledge of electronics manufacturing and test systems is preferred*
- *Manufacturing test requirements and system development experience is preferred*
- *Understanding of intrinsically safe design practices and standards for hazardous area installation in the process control industry is preferred*

POSITION SUMMARY

- *Electronics Design Engineers coordinate and execute the technical functions for product design, development, verification and release of electronic designs as a part of a coordinated multidisciplinary product design effort. Electronics design Engineer is specifically responsible to understand and develop design requirements, develop and verify circuit designs at a component level to meet requirements, develop electronics manufacturing test strategies, and support the multidisciplinary development process.*

ESSENTIAL JOB FUNCTIONS

- *Read and interpret marketing specifications*
- *Coordinate with other functional leads to develop written engineering requirements and design documents*
- *Design analog/digital electronic circuits systems to meet requirements*
- *Oversee PWB layout activities during the implementation of a design*
- *Develop overall product test plan and electronics test plans*
- *Perform electronics design verification from sub-circuit through full assembly levels*
- *Evaluate failure modes and effects for an electronics design*
- *Participate in peer review of electronic designs*
- *Develop manufacturing test procedures*
- *Interact and communicate effectively with global engineering and manufacturing as required*
- *Support product hazardous area approval process as required*
- *Review and approve electronics design changes*

FIRMWARE DESIGN ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Computer Engineering or Electrical Engineering, with focus on programming*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Expert C and assembly programming skills*
- *Preferred knowledge of Digital and Analog circuit design*
- *Knowledge of electronic test equipment including scopes, meters, signal generators, etc.*
- *Working knowledge of PC applications including Microsoft Word and Excel*
- *Preferred product design experience*
- *Ability to understand mechanical, pneumatic and electronic systems*
- *Effective technical communication and documentation skills*
- *Strong analytical, problem solving and decision-making skills*
- *Good spoken and written English language communication skills*
- *Effective planning and organizing skills*
- *Ability to contribute in a team environment*

POSITION SUMMARY

- *The primary responsibility is the design of highly reliable embedded systems. Focus will be on the design and implementation of product firmware using C and assembly language. Knowledge of digital and analog electronic hardware is required. Responsibilities for this position may also include development of test strategies, test software, and test systems for design verification testing of instrumentation products. Knowledge of windows programming to enable the development of tools for testing the embedded system will provide additional advantage for this position.*

ESSENTIAL JOB FUNCTIONS

- *Responsible for design, coordination and completion of new products or enhancements of existing products, design projects and programs*
- *Collaborates with mechanical and electronic design resources to meet overall product requirements*
- *Develop, execute, and document module level testing*
- *Provide overall project and product firmware engineering documentation creation and maintenance to meet CMM level 2 requirements*
- *Perform requirements analysis and review*
- *Participate in peer review of software and firmware designs*
- *Analyze failure modes, effects, and diagnostic coverage for safety related products*
- *Collect, develop, maintain and organize project file documentation in proper order and accordance to Fisher Engineering standards*
- *Follow departmental and company procedures pertaining to source code & documentation control and revision*
- *Interact and communicate effectively with global Engineering, Manufacturing and global electronic contract manufacturing facilities as required*
- *Assist with other project activities as required*
- *Adhere to Fisher Engineering Standards for process development*

MECHANICAL DESIGN ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Mechanical Engineering*

KNOWLEDGE/SKILLS REQUIRED

- *Strong system design capability in mechanical designs that incorporate pneumatic, electrical, and electronic components*
- *Strong 2D/3D CAD design capability (experience with CoCreate Solid designer/ME10 software preferred)*
- *Good working knowledge of test equipment and procedures including force testers, gauges, etc.*
- *Ability to understand mechanical, pneumatic and electronic systems*
- *Ability to use and configure data acquisition software*
- *Strong organizational, analytical, problem-solving, and decision-making skills*
- *Effective technical communication and documentation skills, including updates to team*
- *Self-starter able to take incomplete ideas and requirements and develop creative solutions with a high degree of initiative*
- *Good working knowledge of PC applications including Microsoft Word and Excel*
- *Good spoken and written English language communication skills*
- *Die-casting, injection molding, and stamping process experience preferred*
- *Materials, metals, plastics knowledge preferred*
- *Experience with mechanical/pneumatic/electronic systems and system design demonstrated by experimental, theoretical, and design work is preferred*
- *Geometric dimensioning and tolerancing knowledge preferred*
- *ANSYS Finite Element Analysis, Simulink, or other system modeling software preferred*
- *Experience with electronics and test system development software, including LabView and TestStand*
- *Programming experience is preferred*
- *Understanding of third party approvals especially, explosion-proof design practices and standards for hazardous area installation in the process control industry preferable*

POSITION SUMMARY

- *Mechanical Design Engineers coordinate and execute the technical functions for product design, development, verification and release of mechanical designs. Emerson Process Management is a leader in helping businesses automate and improve their production and processing. Fisher's coordinated multidisciplinary product design effort leads the competition by providing key products to solve customer's most difficult problems. Mechanical Design Engineers are specifically responsible to understand and develop design requirements, develop and verify designs at a system level to meet requirements, develop proof testing, and support the multidisciplinary development process.*

ESSENTIAL JOB FUNCTIONS

- *Read and interpret marketing specifications*
- *Coordinate with other functional leads to develop written engineering requirements and design documents*
- *Model system dynamics*
- *Design mechanical systems, assemblies and component parts to meet requirements*
- *Oversee prototype implementation of a design*
- *Develop overall product test plan and sub-assembly test plans*
- *Perform mechanical design verification from sub-assembly through full assembly levels, interpret results and provide ongoing direction for design improvement*
- *Evaluate product reliability including use of failure modes and effects analysis for mechanical designs*
- *Conduct peer reviews of mechanical designs*
- *Interact and communicate effectively with global engineering, manufacturing and CEM as required*
- *Support product hazardous area approval process as required*
- *Review and approve mechanical design changes*

PRODUCT ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Engineering*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Understanding of engineering principles*
- *Effective oral and written communication skills and organizational skills*
- *Fisher Business Unit experience highly preferred*
- *Ability to read, understand, and interpret dimensional drawings*
- *Ability to prioritize work load based on product structure complexity*
- *Strong interpersonal skills in order to effectively work in a team environment*
- *Good verbal and written communication skills*
- *Demonstrated ability to solve technical problems*
- *Demonstrated ability and desire to uphold a high level of customer service standards*
- *Strong personal computing skills with basic Microsoft Windows application knowledge*
- *Ability to learn and apply Fisher tools—such as engineering masters, order processing system (OPS)/Oracle, PRIME for drawings, work manager for CODT engineering requirements, materials consultant, FisherFirst 2.0, and Symphony—to complete job duties*

ESSENTIAL JOB FUNCTIONS

- *Answer technical questions*
- *Assist Sales Engineers with the selection of the correct product*
- *Determine what modifications could be designed if no existing product is applicable*
- *Resolve problems with installed products*
- *Investigate, analyze, and document service requests*
- *Provide engineering for customer order items*
- *Pursue product cost reduction opportunities*
- *Support manufacturing for product design-related machining or assembly problems*

PRODUCT ORDER ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Engineering or closely related discipline*
- *Associate of Science degree in a technical discipline*
- *Experience in a highly mechanical/design/technology-focused role preferred*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Demonstrated mechanical aptitude and visualization skills*
- *Strong understanding of ANSI (American National Standards Institute) pressure temperature tables to apply knowledge to valve pressure boundary components (includes body, bonnet, seal protector ring and bolting)*
- *Ability to learn and understand Fisher engineering standards to confirm valve stem loads and shaft torques limits have not been exceeded*
- *Ability to read, understand, and interpret dimensional drawings*
- *Ability to prioritize work load based on product structure complexity*
- *Strong interpersonal skills in order to effectively work in a team environment*
- *Good verbal and written communication skills*
- *Demonstrated ability to solve technical problems*
- *Demonstrated ability and desire to uphold a high level of customer service standards*
- *Strong personal computing skills with basic Microsoft Windows application knowledge*
- *Ability to learn and apply Fisher tools—such as engineering masters, order processing system (OPS)/Oracle, PRIME for drawings, work manager for CODT engineering requirements, materials consultant, FisherFirst 2.0, and Symphony—to complete job duties*

POSITION SUMMARY

- *The entry-level Product Order Engineer is responsible for completing the bill-of-materials for customer orders that are not supported by the standard product offering and extensively reviewing all components on an order to ensure form, fit, and function requirements are met.*

ESSENTIAL JOB FUNCTIONS

- *Complete an extensive component level order review to ensure correct pressures and temperatures (ANSI seat leak rates, valve stem loads, and shaft torque limits), correct actuator sizing, and correct functioning of accessories*
- *Through guided interaction work with appropriate Sales Engineering, Product Engineering, or Local Business Partners (LBPs) to select other components if form, fit, and function requirements are not met*
- *Accurately translate order bill of material information and prepare manufacturing structure using engineering masters and unique part numbers*
- *Ensure order accurately captures material descriptions as related to valve components*
- *Confirm correct nameplate data and valve tag data based on valve structure*
- *Confirm material combinations from product knowledge/experience for special order constructions*
- *Investigate, analyze and document "Fix" (warranty claim) reports*
- *Provide a high level of ownership of completed work through the production process to include fielding and answering manufacturing or assembly product structure issues or questions*

TRAINING TO BE COMPLETED WITHIN FIRST YEAR

- *Valve Engineering Tech course*
- *Valve Engineering I course*
- *Order work flow and assembly through two weeks training in manufacturing*
- *On-the-job training*

PROGNOSTICS ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Mechanical Engineering or related field (*preference will be given to those with earned advanced degrees)*
- *Hands-on laboratory classwork related to measurement and instrumentation, experience with sensors and general metrology, modeling of physical systems, and algorithm development experience considered a plus*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Possess above average computer skills, including programming and networking*
- *Possess strong numerical methods skills*
- *Possess demonstrated understanding of statistical analysis*
- *Be self-motivated and function well in a team environment*
- *Be able to work independently*
- *Be able prioritize near-term work and set a longer-term technical strategy*
- *Possess a keen interest in the relevant technical fields*
- *Possess effective communication and interpersonal skills*
- *Working knowledge of Fisher product line or process control equipment considered a plus*

POSITION SUMMARY

- *The role of Prognostics Engineer is a technical career track position within the Advanced Technologies organization that focuses on the development and implementation of diagnostic and prognostic health monitoring technology for final process control element systems. Emphasis will be on physics based and data driven model development of electro-mechanical systems, application of sensor and signal processing technology and algorithm development.*

SUPERVISORY REQUIREMENTS

- *This is an individual contributor position with no initial responsibility for direct supervision of other full-time personnel. Supervision of supporting co-op students and contract personnel is expected. It is also expected that the person filling this position will provide technical leadership and mentor junior employees as they progress in the position. The position holds potential for team leadership and management responsibilities as interest, skills and needs allow.*

ESSENTIAL JOB FUNCTIONS

**Progression on the technical ladder will be commensurate with mastery and execution of these responsibilities.*

- *Provide engineering support and leadership to a team responsible for developing a new generation of process control hardware*
- *Engineering analysis, hands-on laboratory investigation, computer programming and written and verbal communication of results*
- *Cultivating an understanding of relevant markets and customer needs to support identification and definition of project objectives*
- *Electro-mechanical component design*
- *Signal processing and analysis*
- *Design, setup and execution of software, valve, piezo-based transducers and electronics testing*
- *Model development of physical systems*
- *Development of numerical algorithms to support real time signal processing*
- *Prepare and deliver documentation as appropriate*

QUALIFICATIONS ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Mechanical Engineering, Nuclear Engineering, Aerospace Engineering or closely related discipline*
- *Registered Professional Engineer (PE) strongly desired*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Working knowledge of pressure vessel or instrument design strongly desired*
- *Test and evaluation experience related to pressure vessels and/or instruments is welcome*
- *Effective oral and written technical communication skills and organizational skills*
- *Strong understanding of engineering principles*
- *Working knowledge of CAD and FEA principles*

ESSENTIAL JOB FUNCTIONS

- *Create engineering justifications to determine essential to function parts for safety related equipment and document critical characteristics of the essential to function parts*
- *Generate design reports for N-Stamped equipment*
- *Perform code reconciliation on pressure retaining parts*
- *Complete seismic analysis, issue seismic certifications, perform structural/weak link analysis, complete actuator sizing reviews, and answer technical questions*
- *Assist Sales Engineers with the selection of the correct product and determine what modifications could be designed if no existing product is applicable*
- *Resolve problems with installed products, investigate, analyze, and document "FIX" reports, provide technical support to legal department for defending product liability cases*
- *Provide engineering for customer order items*
- *Pursue product cost reduction opportunities*
- *Support manufacturing for product design related machining or assembly problems*
- *Develop and implement equipment qualification and testing programs based on industry standards and customer requirements*
- *Writing equipment qualification reports based on test data and qualification analyses*

QUALITY ENGINEER - ASL COORDINATOR

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Industrial Engineering, a related discipline, or a combination of education and equivalent experience*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Four years of relevant experience with Fisher products and Fisher suppliers*
- *Interface with all areas of sales, order entry, nuclear power team, manufacturing, engineering, production, support and quality*
- *Contact with external customers, vendors and contractors*
- *Strong attention to detail*
- *PC skills including spreadsheets, word processing, access, and powerpoint*
- *Project management experience is desired*
- *Ability to learn department-specific software, including model manager*
- *Excellent oral and written communication skills*
- *Problem solving and data analysis skills*
- *Ability to contribute in a team environment*

POSITION SUMMARY

- *The primary responsibility for this position is the evaluation and approval of supplier assignments to new part numbers.*

ESSENTIAL JOB FUNCTIONS

- *Perform qualification and assessment of suppliers*
- *Review non-conformances, trend data, and communicate with suppliers to address issues*
- *Provide support to incoming inspection and material review board activities*
- *Troubleshoot and resolve supplier documentation issues*
- *Coordinate and communicate with all levels of the organization*
- *Learn and support other quality activities as requested*

SALES ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in an Engineering-related field*

POSITION SUMMARY

- *Assist in the engineering and selling of Fisher products and to serve as liaison between field sales force and all factory departments*

ESSENTIAL JOB FUNCTIONS

- *Providing support to field sales, including:*
  - *Provide technical assistance to the field salesman*
  - *Coordinate and participate in customer sales presentations*
  - *Define and coordinate special customer product proposals*
  - *Organize and participate in special project proposals*
  - *Provide interface between field sales representatives*
  - *Provide backup service for field sales representatives*
  - *Establish pricing*
  - *Organize and participate in product promotion and application*
  - *Provide customer and Fisher salesman training*
  - *Arrange proper customer handling while at the factory, i.e., tours, demonstrations, meetings, housing, and transportation*
- *Promoting our corporate image, including:*
  - *Prepare and present technical papers*
  - *Participate in trade shows and exhibits*
  - *Develop good customer/factory relationships*
- *Participating in interdepartmental activities, including:*
  - *Assist in new product development*
  - *Participate in development of internal systems and procedures*
  - *Promote customer awareness among all employees*
  - *Evaluate competition*
  - *Analyze common product problems and coordinates solution*
  - *Provide liaison between sales and other departments*
- *Participating in intradepartmental activities, including:*
  - *Provide training for new Sales Engineers and Sales Associates*
  - *Provide business input to Sales management*

◄ VIDEO
ZACH DESCRIBES HIS EXPERIENCE
AS A FULL-TIME SALES ENGINEER

SOFTWARE ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Computer Engineering, Computer Science, or related engineering or science field*

KNOWLEDGE/SKILLS REQUIREMENTS

- *C++, C#, and Microsoft Windows programming*
- *Microsoft Visual Studio, Win32/Win64 API, MFC, .NET experience strongly preferred*
- *Object-oriented analysis and design*
- *Excellent software development skills in all phases of the software development lifecycle*
- *Experience with HART and Foundation Fieldbus technologies is preferred*
- *Project management experience is desired*
- *Strong analytical, problem solving, and decision-making skills*
- *Excellent oral and written communication skills*
- *Strong organizational skills*
- *Ability to contribute in a team environment*

POSITION SUMMARY

- *Primary responsibilities for this position include analysis, design, coding, documentation, debugging, and testing of software applications for Fisher FIELDVUE instrument products and technologies*

ESSENTIAL JOB FUNCTIONS

- *Develop software in C++, C#, or other selected languages for FIELDVUE instrument products and technologies*
- *Participate in product definition activities, including feature analysis and project scope analysis*
- *Perform maintenance activities in addition to new product software design*
- *Perform technical support activities and assist with various projects as assigned*

TEST & EVALUATION ENGINEER

EDUCATION REQUIREMENTS

- *Bachelor of Science degree in Mechanical Engineering or related engineering field*
- *1-2+ years of industrial design, testing, or manufacturing experience preferred*

KNOWLEDGE/SKILLS REQUIREMENTS

- *Demonstrates ability to apply fundamental knowledge of mathematics and physical sciences to the "hands-on" development of products, test equipment, test procedures, and measurement techniques*
- *Working knowledge of control theory, measurement theory, computer application technology, and material fabrication techniques*
- *Demonstrates mechanical aptitude with hands-on mechanical experience*
- *Ability to manage multiple projects of varying lengths and complexity*
- *Demonstrates technical communication skills, both written and verbal*

ESSENTIAL JOB FUNCTIONS

- *Provide technical input and direction to the design and evaluation of new product concepts, including conceptualization, design evaluation, analysis, and testing of complex products*
- *Develop expertise in control valve and instrument test methods, and participate in continuous improvement of test technology*
- *Interface with Marketing, Design, Manufacturing, Sales, and Procurement as part of a cross-functional team*
- *Develop and execute test plans in cooperation with internal design teams and external customers*
- *Evaluate experimental data and prepare engineering reports, including analysis, conclusions and recommendations*
- *Design, construction, and operation of complex test equipment and automated data acquisition systems, using programming systems such as LabVIEW and DeltaV*
- *Develop long-term test schedules that take into account manpower, prototype parts availability, and physical test resource openings*

FIND OUT MORE

We help our customers find **innovative solutions** to the problems they face in process plants all over the world. We're always looking for ambitious students or new grads to help us continue a legacy of **cutting-edge technology** and quality products.

◄ VIDEO
EMERSON INNOVATION CENTER
FOR FISHER TECHNOLOGY

http://www.Facebook.com/FisherValves
http://www.YouTube.com/user/FisherControlValve
http://www.Twitter.com/FisherValves
http://www.LinkedIn.com/groups/Fisher-3941826

© 2014 Fisher Controls International LLC. All rights reserved.

Fisher is a mark owned by one of the companies in the Emerson Process Management business unit of Emerson Electric Co. Emerson Process Management, Emerson, and the Emerson logo are trademarks and service marks of Emerson Electric Co. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, nothing herein is to be construed as a warranty or guarantee, express or implied, regarding the products or services described herein or their use, performance, merchantability or fitness for a particular purpose. Individual results may vary. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice. Responsibility for proper selection, use and maintenance of any product or service remains solely with the purchaser and end user.

Emerson Process Management
Marshalltown, Iowa 50158 USA
Sorocaba, 18087 Brazil
Chatham, Kent ME4 4QZ UK
Dubai, United Arab Emirates
Singapore 128461 Singapore
www.Fisher.com

FISHER®

EMERSON™
Process Management

D352314X012 / MZ222 / Feb14